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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

## Complete if Known

Application Number	09/970,085
Filing Date	October 4, 2001
First Named Inventor	Wayne Ernest Conrad et al
Group Art Unit	1744 1724
Examiner Name	RICHARD L. CHIESA
Attorney Docket Number	5562-800

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	SUB CLASS
		Number - Kind Code <sup>2</sup> (if known)			CLASS	CLASS
R.X.C.	1.	US-Re. 28,742	03/23/1976	Rafferty et al.	415	90
R.X.C.	2.	US- Re. 32,257	10/07/1986	Dyson	15	335
R.X.C.	3.	US- 1,024,784	04/30/1912	M. W. Johnson	96	61
R.X.C.	4.	US- 2,853,151	09/23/1958	J. Guldmond	96	61
R.X.C.	5.	US- 2,867,285	01/06/1959	H. A. Wintermute	96	61
R.X.C.	6.	US- 3,425,192	02/04/1969	Davis	55	345
R.X.C.	7.	US- 3,792,569	02/19/1974	Carlson et al.	55	305 X
R.X.C.	8.	US- 4,032,307	06/28/1977	Sommerfeld	55	10023
R.X.C.	9.	US- 4,049,400	09/20/1977	Bennett et al.	55	139
R.X.C.	10.	US- 4,141,698	02/27/1979	Kihlstedt et al.	55	17006
R.X.C.	11.	US- 4,218,177	08/19/1980	Robel	415	90
R.X.C.	12.	US- 4,229,187	10/21/1980	Stockford et al.	55	14
R.X.C.	13.	US- 4,344,776	08/17/1982	Yavnieli	422	121 X
R.X.C.	14.	US- 4,373,228	02/15/1983	Dyson	15	350
R.X.C.	15.	US- 4,402,647	09/06/1983	Effenberger	415	90
R.X.C.	16.	US- 4,406,678	09/27/1983	Neugart	55	372
R.X.C.	17.	US- 4,493,615	01/15/1985	Stangroom	417	48
R.X.C.	18.	US- 4,518,402	05/21/1985	Dargel	55	DIG. 39
R.X.C.	19.	US- 4,545,794	10/08/1995	Himukai	55	DIG. 3
R.X.C.	20.	US- 4,571,772	02/25/1986	Dyson	15	335
R.X.C.	21.	US- 4,573,236	03/04/1986	Dyson	15	333
R.X.C.	22.	US- 4,593,429	06/10/1986	Dyson	15	353
R.X.C.	23.	US- 4,643,748	02/17/1987	Dyson	55	338
R.X.C.	24.	US- 4,649,703	03/17/1987	Detting et al.	60	275
R.X.C.	25.	US- 4,745,654	05/24/1988	Yamamoto et al.	15	344
R.X.C.	26.	US- 4,655,679	04/07/1997	Giacomet	415	90
R.X.C.	27.	US- 4,689,951	09/01/1987	Polach	60	275
R.X.C.	28.	US- 4,749,386	06/07/1988	Strohmeyer et al.	55	DIG. 2
R.X.C.	29.	US- 4,826,515	05/02/1989	Dyson	55	DIG. 3
R.X.C.	30.	US- 4,828,586	05/09/1989	Joannou	55	131

## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
R.X.C.	31.	EP 0 908 121 A1	4/19/1997	Fumagalli	
R.X.C.	32.	EP 0 815 788 A2	8/17/1998	Annovazzi	
R.X.C.	33.	CA 2,221,499	5/30/1996	Dyson	

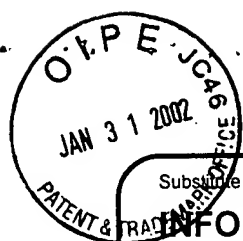
Examiner  
Signature

Richard L. Chiesa

Date  
Considered

Nov. 5, 2002





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R.X.C.	58.	US-5,400,465	03/28/1995	Bosses et al.	96	55X	
R.X.C.	59.	US- 5,405,434	04/11/1995	Incullet	96	54	
R.X.C.	60.	US- 5,433,763	07/18/1995	Shagott et al.	96	55X	
R.X.C.	61.	US- 5,470,197	11/28/1995	Cafarelli	415	90	
R.X.C.	62.	US- 5,558,697	09/24/1996	Dyson et al.	95	12	
R.X.C.	63.	US- 5,664,285	09/09/1997	Melito et al.	347	352	
R.X.C.	64.	US- 5,574,493	11/12/1993	Sanger et al.	96	262	
R.X.C.	65.	US- 5,591,253	01/07/1997	Altman et al.	96	61	
R.X.C.	66.	US- 5,593,479	01/14/1997	Frey et al.	95	57	
R.X.C.	67.	US- 5,656,063	08/12/1997	Hsu	95	58	
R.X.C.	68.	US- 5,714,829	02/03/1998	Guruprasad	314	306	
R.X.C.	69.	US- 5,725,623	03/10/1998	Bowerman et al.	55	490	
R.X.C.	70.	US- 5,803,733	09/08/1998	Trott et al.	433	132	
R.X.C.	71.	US- 5,840,102	11/24/1998	McCracken	95	268	
R.X.C.	72.	US- 5,840,103	11/24/1998	Dyson	96	61	
R.X.C.	73.	US- 5,846,302	12/08/1998	Putro	96	66	
R.X.C.	74.	US- 5,904,755	05/18/1999	Kanazashi et al.	96	55	
R.X.C.	75.	US- 6,010,561	01/04/2000	Dyson	96	63	
R.X.C.	76.	US- 6,238,451	05/29/2001	Conrad et al.	55	323	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)					
						</	

Examiner Signature	Richard L. Chiesa	Date Considered	Nov. 5, 2002
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.